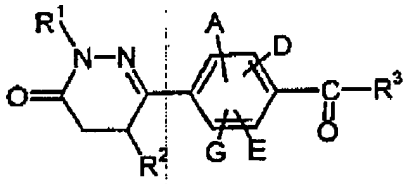
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

a1

1. (currently amended) A 6-carboxyphenyldihydropyridazinone derivative of the general formula (I)



(I)

in which

A, D, E and G are identical or different and

represent hydrogen, halogen, trifluoromethyl or hydroxyl, or represent (C_1-C_6)-alkyl or represent (C_1-C_6)-alkoxy,

R^1 and R^2 are identical or different and

represent hydrogen or represent (C_1-C_6)-alkyl,

R^3 represents radicals of the formulae $-OR^4$ or $-NR^5R^6$,

in which

R^4 denotes cycloalkyl having from 3 to 8 carbon atoms or (C_1-C_8)-alkyl which is optionally substituted by hydroxyl, (C_1-C_6)-alkoxy, cycloalkyl having from 3 to 8 carbon atoms or aryl having from 6 to 10 carbon atoms which, for its part, can be substituted, once to twice, identically or differently, by substituents which are selected from the

contd. a1

~~group:~~ group consisting of halogen, (C_1-C_6)-alkoxy, hydroxyl ~~or~~ and trifluoromethyl, or

denotes (C_1-C_8)-alkyl which is optionally substituted by a group of the formula $-NR^7R^8$,

in which

R^7 and R^8 are identical or different and denote hydrogen, (C_1-C_6)-alkyl or benzyl,

or

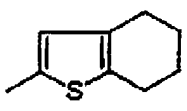
R^4 denotes vinyl or allyl,

or

R^4 denotes aryl having from 6 to 10 carbon atoms which is optionally substituted, once to twice, identically or differently, by substituents which are selected from the group consisting ~~of~~ of halogen, (C_1-C_6)-alkyl, (C_1-C_6)-alkoxy ~~or~~ and hydroxyl,

R^5 denotes hydrogen or (C_1-C_4)-alkyl,

R^6 denotes cycloalkyl having from 3 to 8 carbon atoms or a radical of the formula



or

aryl having from 6 to 10 carbon atoms or a 5- to 7-membered aromatic heterocycle having up to 3 heteroatoms selected from the ~~series~~ group

contd. a1

consisting of S, N and/~~or~~ O, it being possible for the ring systems which are listed here to be optionally substituted, once to several times, identically or differently, by substituents which are selected from the ~~group:~~ group consisting of halogen, trifluoromethyl, hydroxyl, (C_1-C_6)-alkoxy, carboxyl, (C_1-C_6)-alkoxycarbonyl, (C_1-C_6)-alkyl and radicals of the formulae $-SO_2-NR^9R^{10}$ and $-(CO)_a-NR^{11}R^{12}$,

in which

R^9, R^{10}, R^{11} and R^{12} are identical or different and denote hydrogen or (C_1-C_6)-alkyl,

and

a denotes a number 0 or 1,

or

R^6 denotes (C_1-C_8)-alkyl which is optionally substituted, once to twice, identically or differently, by substituents which are selected from the ~~group:~~ group consisting of halogen, trifluoromethyl, hydroxyl, (C_1-C_6)-alkoxy, carboxyl, (C_1-C_6)-alkoxycarbonyl and aryl having from 6 to 10 carbon atoms, and ~~a~~ 5- to 7-membered aromatic heterocycles having up to 3 heteroatoms selected from the ~~series~~ group consisting of S, N and/~~or~~ O, in which the ring systems can be optionally substituted, once to three times, identically or differently, by (C_1-C_6)-alkyl, halogen, (C_1-C_6)-alkoxy, (C_1-C_6)-alkoxycarbonyl, trifluoromethyl or by the radical $-CO-NH_2$,

or

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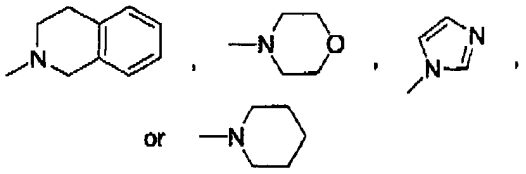
R^5 and R^6 form, together with the nitrogen atom, cyclic radicals of the formulae



which, for their part, can be optionally substituted,

~~and the salts~~ or a pharmaceutically acceptable salt thereof,

with the exception, however, of the compound N-methyl-4-(4-methyl-6-oxo-1,4,5,6-tetrahydropyridazin-3-yl)benzamide.

2. (currently amended) ~~A~~ The 6-carboxyphenyldihydropyridazinone derivative of claim 1, wherein in the general formula (I) ~~as claimed in claim 1,~~

~~in which~~

A, D, E and G are identical or different and
represent hydrogen, fluorine, chlorine, bromine or trifluoromethyl,

R^1 and R^2 are identical or different and
represent hydrogen or represent methyl,

R^3 represents radicals of the formulae $-OR^4$ or $-NR^5R^6$,

in which

R^4 denotes cyclopropyl, cyclopentyl or cyclohexyl or

contd. a1

denotes (C_1-C_6)-alkyl which is optionally substituted by hydroxyl, (C_1-C_4)-alkoxy, cyclopropyl, cyclopentyl, cyclohexyl or phenyl which, for its part, can be substituted once to twice, identically or differently, by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, bromine, (C_1-C_4)-alkoxy, hydroxyl ~~or~~ and trifluoromethyl, or

denotes (C_1-C_6)-alkyl which is optionally substituted by a group of the formula $-NR^7R^8$,

in which

R^7 and R^8 are identical or different and denote hydrogen or (C_1-C_4)-alkyl,

or

R^4 denotes allyl,

R^5 denotes hydrogen or (C_1-C_3)-alkyl,

R^6 denotes cyclopropyl, cyclopentyl or cyclohexyl or
denotes phenyl, thienyl, thiazolyl, furyl or pyridyl, it being possible for the listed aromatic ring systems to be optionally substituted, once to twice, identically or differently, by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, bromine, trifluoromethyl, hydroxyl, (C_1-C_3)-alkoxy, (C_1-C_3)-alkoxycarbonyl, (C_1-C_4)-alkyl and radicals of the formulae $-SO_2NR^9R^{10}$ and $-(CO)_3-NR^{11}R^{12}$,

in which

contd. a1

R^9, R^{10}, R^{11} and R^{12} are identical or different and denote hydrogen or (C_1-C_4)-alkyl,

and

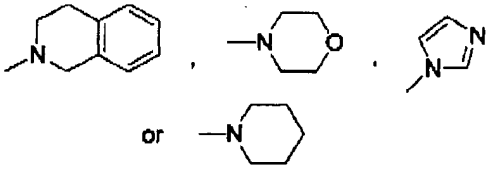
a denotes a number 0 or 1,

or

R^6 denotes (C_1-C_6)-alkyl which are optionally substituted once to twice, identically or differently, by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, bromine, trifluoromethyl, hydroxyl, (C_1-C_4)-alkoxy, (C_1-C_4)-alkoxycarbonyl, phenyl, pyridyl, naphthyl, furyl ~~or~~ and thiazolyl, it being possible for the ring systems to be optionally substituted, once to twice, identically or differently, by fluorine, chlorine, methyl, methoxycarbonyl, trifluoromethyl or by a radical of the formula -CO-NH_2,

or

R^5 and R^6 form, together with the nitrogen atom, cyclic radicals of the formulae



or

~~and the salts thereof,~~

~~with the exception, however, of the compound N-methyl-4-(4-methyl-6-oxo-1,4,5,6-tetrahydropyridazin-3-yl)benzamide~~ .

contd. a1

3. (currently amended) ~~A~~ The 6-carboxyphenyldihydropyridazinone derivative of claim 1, wherein in the general formula (I) ~~as claimed in claim 1,~~

~~in which~~

A, D, E and G represent hydrogen,

R^1 and R^2 are identical or different and
represent hydrogen or represent methyl,

R^3 represents radicals of the formulae $-OR^4$ or $-NR^5R^6$,

in which

R^4 denotes cyclopropyl, cyclopentyl or cyclohexyl or
denotes (C_1-C_5)-alkyl which is optionally substituted by (C_1-C_4)-alkoxy, cyclopropyl, cyclopentyl, cyclohexyl or phenyl which, for its part, can be substituted, once to twice, identically or differently, by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, (C_1-C_4)-alkoxy, hydroxyl ~~or~~ and trifluoromethyl, or

denotes (C_1-C_4)-alkyl which is optionally substituted by a group of the formula $-NR^7R^8$,

in which

R^7 and R^8 are identical or different and denote hydrogen, benzyl or methyl,

contd.
a1

or

R^4 denotes allyl,

R^5 denotes hydrogen or (C_1-C_3)-alkyl,

R^6 denotes cyclopropyl, cyclopentyl or cyclohexyl or
denotes naphthyl, phenyl, thienyl, thiazolyl, furyl or pyridyl, the listed ring systems being optionally substituted once to twice, identically or differently, by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, bromine, trifluoromethyl, (C_1-C_3)-alkoxy, (C_1-C_3)-alkoxycarbonyl, (C_1-C_3)-alkyl and radicals of the formulae $-SO_2-NR^9R^{10}$ and $-(CO)_a-NR^{11}R^{12}$,

in which

R^9, R^{10}, R^{11} and R^{12} are identical or different and denote hydrogen or (C_1-C_4)-alkyl,

and

a denotes a number 0 or 1,

or

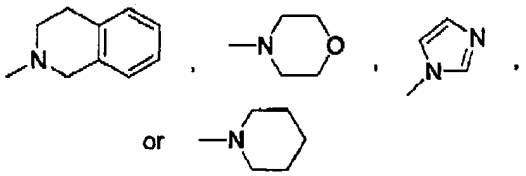
R^6 denotes (C_1-C_6)-alkyl which is optionally substituted by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, trifluoromethyl, (C_1-C_3)-alkoxy, (C_1-C_3)-alkoxycarbonyl, phenyl, pyridyl, naphthyl, furyl, thienyl ~~or~~ and thiazolyl, the ring systems optionally being

contd. a1

substituted once to twice, identically or differently, by fluorine, chlorine, methyl, methoxycarbonyl or trifluoromethyl or by a radical of the formula $-CO-NH_2$,

or

R^5 and R^6 form, together with the nitrogen atom, cyclic radicals of the formulae



~~and the salts thereof,~~

~~with the exception, however, of the compound N-methyl-4-(4-methyl-6-oxo-1,4,5,6-tetrahydropyridazin-3-yl)benzamide~~ .

4. (currently amended) ~~A~~ The 6-carboxyphenyldihydropyridazinone derivative of claim 1, wherein in the general formula (I) ~~as claimed in claim 1,~~

~~in which~~

A, D, E and G represent hydrogen,

R^3 represents the radical $-NR^5R^6$, where R^5 = H or methyl and R^6 is as ~~previously defined,~~ defined in claim 1,

and the remaining radicals have the ~~previously mentioned meaning~~ meanings defined in claim 1.

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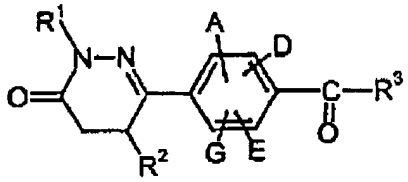
5. (currently amended) A process for preparing 6-carboxy-phenyl-dihydropyridazinone derivatives ~~as claimed in claims 1 to 4,~~ of formula (I) as defined in claim 1

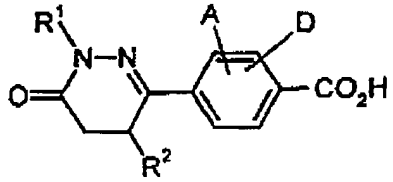


(I)

characterized in that

[A] in the case where R^3 represents the radical of the formula $-OR^4$ in ~~the above~~ general formula (I),

compounds of the general formula (II)

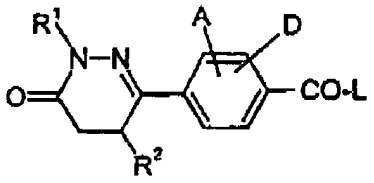


(II),

in which

A, D, R^1 and R^2 ~~have the abovementioned meaning,~~ are as defined in claim 1,

are initially converted, by reaction with carboxylic acid-activating reagents, using customary methods, into the compounds of the general formula (IV)



(IV),

in which

contd. A'

A, D, R^1 and R^2 ~~have the abovementioned meaning,~~ are as defined in claim 1,

and

L represents an activating radical, ~~preferably chlorine or imidazolyl,~~

and, in a second step, reacted with compounds of the general formula (III)

$$HO\text{-}R^4 \qquad (III),$$

in which

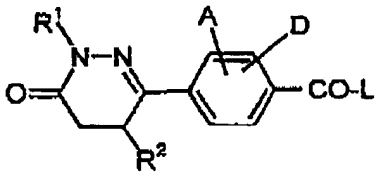
R^4 ~~has the abovementioned meaning,~~ is as defined in claim 1,

in an inert ~~solvents~~ solvent, where appropriate in the presence of a base,

or

[B] in the case where R^3 represents the radical of the formula $-NR^5R^6$ in the above general formula (I),

compounds of the general formula (II) are initially converted, by reaction with carboxylic acid-activating reagents, and using customary methods, into the compounds of the general formula (IV)



(IV),

contd. a1

in which

A, D, R^1 and R^2 ~~have the abovementioned meaning,~~ are as defined in claim 1,

and

L represents an activating radical, ~~preferably chlorine or imidazolyl,~~

and, in a second step, reacted with ~~amides~~ an amine of the general formula (V)

$$HNR^5R^6 \quad (V),$$

in which

R^5 and R^6 ~~have the abovementioned meaning,~~ are as defined in claim 1,

in an inert solvent ~~solvents~~.

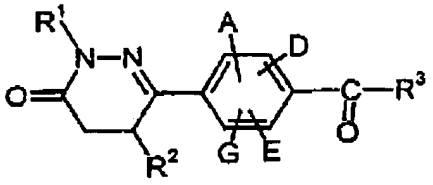
6. (currently amended) A ~~medicament or~~ pharmaceutical composition which comprises at least one compound ~~as claimed in claims 1 to 4~~ of claim 1, and also one or more pharmacologically ~~harmless auxiliary and carrier substances~~ acceptable excipients.

✓✓ ✓
7, 8, and 9 (cancelled)

✓

a2 10. (currently amended) ~~The use of~~ A method for prophylaxis or treatment of anemia comprising administering to a subject an effective amount of a 6-carboxyphenyldihydropyridazinone ~~derivatives~~ derivative of the general formula (I)

contd. a 2



(I)

in which

A, D, E and G are identical or different and

represent hydrogen, halogen, trifluoromethyl or hydroxyl, or represent (C_1-C_6)-alkyl or represent (C_1-C_6)-alkoxy,

R^1 and R^2 are identical or different and

represent hydrogen or represent (C_1-C_6)-alkyl,

R^3 represents radicals of the formulae $-OR^4$ or $-NR^5R^6$,

in which

R^4 denotes cycloalkyl having from 3 to 8 carbon atoms or
(C_1-C_8)-alkyl which is optionally substituted by hydroxyl, (C_1-C_6)-alkoxy, cycloalkyl having from 3 to 8 carbon atoms or aryl having from 6 to 10 carbon atoms which, for its part, can be substituted, once to twice, identically or differently, by substituents which are selected from the ~~group:~~ group consisting of halogen, (C_1-C_6)-alkoxy, hydroxyl ~~or~~ and trifluoromethyl, or

denotes (C_1-C_8)-alkyl which is optionally substituted by a group of the formula $-NR^7R^8$,

contd. a 2

in which

R^7 and R^8 are identical or different and denote hydrogen, (C_1-C_6)-alkyl or benzyl,

or

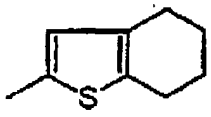
R^4 denotes vinyl or allyl,

or

R^4 denotes aryl having from 6 to 10 carbon atoms which is optionally substituted, once to twice, identically or differently, by substituents which are selected from the group consisting ~~of:~~ of halogen, (C_1-C_6)-alkyl, (C_1-C_6)-alkoxy ~~or~~ and hydroxyl,

R^5 denotes hydrogen or (C_1-C_4)-alkyl,

R^6 denotes cycloalkyl having from 3 to 8 carbon atoms or a radical of the formula



or

aryl having from 6 to 10 carbon atoms or a 5- to 7-membered aromatic heterocycle having up to 3 heteroatoms selected from the ~~series~~ group consisting of S, N and/~~or~~ O, it being possible for the ring systems which are listed here to be optionally substituted, once to several times, identically or differently, by substituents which are selected from the ~~group:~~ group consisting of halogen, trifluoromethyl, hydroxyl, (C_1-C_6)-

contd. a2

alkoxy, carboxyl, (C_1-C_6)-alkoxycarbonyl, (C_1-C_6)-alkyl and radicals of the formulae $-SO_2-NR^9R^{10}$ and $-(CO)_a-NR^{11}R^{12}$,

in which

R^9, R^{10}, R^{11} and R^{12} are identical or different and denote hydrogen or (C_1-C_6)-alkyl,

and

a denotes a number 0 or 1,

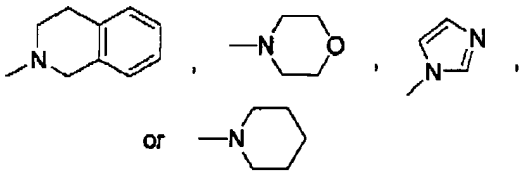
or

R^6 denotes (C_1-C_8)-alkyl which is optionally substituted, once to twice, identically or differently, by substituents which are selected from the ~~group:~~ group consisting of halogen, trifluoromethyl, hydroxyl, (C_1-C_6)-alkoxy, carboxyl, (C_1-C_6)-alkoxycarbonyl, ~~and~~ aryl having from 6 to 10 carbon atoms, and ~~a~~ 5- to 7-membered aromatic ~~heterocycle~~ heterocycles having up to 3 heteroatoms selected from the ~~series~~ group consisting of S, N and/~~or~~ O, in which the ring systems can be optionally substituted, once to three times, identically or differently, by (C_1-C_6)-alkyl, halogen, (C_1-C_6)-alkoxy, (C_1-C_6)-alkoxycarbonyl, trifluoromethyl or by the radical $-CO-NH_2$,

or

R^5 and R^6 form, together with the nitrogen atom, cyclic radicals of the formulae

contd. A2



which, for their part, can be optionally substituted,

~~and the salts thereof,~~ or a pharmaceutically acceptable salt thereof.

~~for preparing medicaments or pharmaceutical compositions for the prophylaxis and/or treatment of anemias.~~

11. (currently amended) ~~The use of~~ The method of claim 10 wherein in the 6-carboxyphenyldihydropyridazinone ~~derivatives~~ derivative of the general formula (I) as ~~claimed in claim 10,~~
~~in which~~

A, D, E and G are identical or different and
represent hydrogen, fluorine, chlorine, bromine or trifluoromethyl,

R^1 and R^2 are identical or different and
represent hydrogen or represent methyl,

R^3 represents radicals of the formulae $-OR^4$ or $-NR^5R^6$,

in which

R^4 denotes cyclopropyl, cyclopentyl or cyclohexyl or
denotes (C_1-C_6)-alkyl which is optionally substituted by hydroxyl, (C_1-C_4)-alkoxy, cyclopropyl, cyclopentyl, cyclohexyl or phenyl which, for its part,

contd. a2

can be substituted once to twice, identically or differently, by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, bromine, (C_1-C_4)-alkoxy, hydroxyl ~~or~~ and trifluoromethyl, or

denotes (C_1-C_6)-alkyl which is optionally substituted by a group of the formula $-NR^7R^8$,

in which

R^7 and R^8 are identical or different and denote hydrogen or (C_1-C_4)-alkyl,

or

R^4 denotes vinyl or allyl,

R^5 denotes hydrogen or (C_1-C_3)-alkyl,

R^6 denotes cyclopropyl, cyclopentyl or cyclohexyl or
denotes phenyl, thienyl, thiazolyl, furyl or pyridyl, it being possible for the listed aromatic ring systems to be optionally substituted, once to twice, identically or differently, by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, bromine, trifluoromethyl, hydroxyl, (C_1-C_3)-alkoxy, (C_1-C_3)-alkoxycarbonyl, (C_1-C_4)-alkyl and radicals of the formulae $-SO_2NR^9R^{10}$ and $-(CO)_a-NR^{11}R^{12}$,

in which

R^9, R^{10}, R^{11} and R^{12} are identical or different and denote hydrogen or (C_1-C_4)-alkyl,

contd
claim 2

and

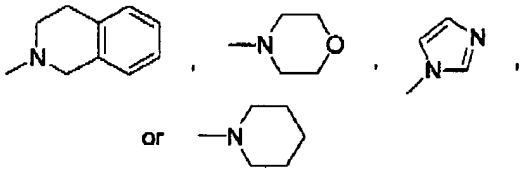
a denotes a number 0 or 1,

or

R^6 denotes (C_1-C_6)-alkyl which are optionally substituted once to twice, identically or differently, by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, bromine, trifluoromethyl, hydroxyl, (C_1-C_4)-alkoxy, (C_1-C_4)-alkoxycarbonyl, phenyl, pyridyl, naphthyl, furyl ~~or~~ and thiazolyl, it being possible for the ring systems to be optionally substituted, once to twice, identically or differently, by fluorine, chlorine, methyl, methoxycarbonyl, trifluoromethyl or by a radical of the formula -CO-NH_2,

or

R^5 and R^6 form, together with the nitrogen atom, cyclic radicals of the formulae



which are in turn optionally ~~substituted,~~ substituted.

~~and the salts thereof,~~

contd. ~~for preparing medicaments or pharmaceutical compositions for the prophylaxis and/or treatment of anemias.~~

12. (currently amended) ~~The use of~~ The method of claim 10 wherein in the 6-carboxyphenyldihydropyridazinone derivatives of the general formula (I) ~~as claimed in claim 10,~~
~~in which~~

A, D, E and G represent hydrogen,

R^1 and R^2 are identical or different and
represent hydrogen or represent methyl,

R^3 represents radicals of the formulae $-OR^4$ or $-NR^5R^6$,

in which

R^4 denotes cyclopropyl, cyclopentyl or cyclohexyl or
denotes (C_1-C_5)-alkyl which is optionally substituted by (C_1-C_4)-alkoxy, cyclopropyl, cyclopentyl, cyclohexyl or phenyl which, for its part, can be substituted, once to twice, identically or differently, by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, (C_1-C_4)-alkoxy, hydroxyl ~~or~~ and trifluoromethyl, or

denotes (C_1-C_4)-alkyl which is optionally substituted by a group of the formula $-NR^7R^8$,

in which

contd. a2

R^7 and R^8 are identical or different and denote hydrogen, benzyl or methyl,

or

R^4 denotes allyl,

R^5 denotes hydrogen or (C_1-C_3)-alkyl,

R^6 denotes cyclopropyl, cyclopentyl or cyclohexyl or
denotes naphthyl, phenyl, thienyl, thiazolyl, furyl or pyridyl, the listed ring systems being optionally substituted once to twice, identically or differently, by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine, bromine, trifluoromethyl, (C_1-C_3)-alkoxy, (C_1-C_3)-alkoxycarbonyl, (C_1-C_3)-alkyl and radicals of the formulae $-SO_2-NR^9R^{10}$ and $-(CO)_a-NR^{11}R^{12}$,

in which

R^9, R^{10}, R^{11} and R^{12} are identical or different and denote hydrogen or (C_1-C_4)-alkyl,

and

a denotes a number 0 or 1,

or

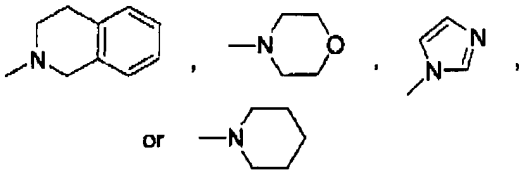
R^6 denotes (C_1-C_6)-alkyl which is optionally substituted by substituents selected from the ~~group:~~ group consisting of fluorine, chlorine,

contd. A2

trifluoromethyl, (C_1-C_3)-alkoxy, (C_1-C_3)-alkoxycarbonyl, phenyl, pyridyl, naphthyl, furyl, thienyl ~~or~~ and thiazolyl, the ring systems optionally being substituted once to twice, identically or differently, by fluorine, chlorine, methyl, methoxycarbonyl or trifluoromethyl or by a radical of the formula -CO-NH_2,

or

R^5 and R^6 form, together with the nitrogen atom, cyclic radicals of the formulae



which are in turn optionally ~~substituted,~~ substituted.

~~and the salts thereof,~~

~~for preparing medicaments or pharmaceutical compositions for the prophylaxis and/or treatment of anemias.~~

13. (currently amended) ~~The use of~~ The method of claim 10 wherein in the 6-carboxyphenyldihydropyridazinone derivatives of the general formula (I) ~~as claimed in claim 10~~,
~~in which~~

A, D, E and G represent hydrogen,

contd a2

R^3 represents the radical $-NR^5R^6$, where R^5 = H or methyl and R^6 is as ~~previously defined,~~ defined in claim 10,

and the remaining radicals ~~have the previously given meaning,~~ are as defined in claim 10.

~~and the salts thereof,~~

~~for preparing medicaments or pharmaceutical compositions for the prophylaxis and/or treatment of anemias.~~

14. (currently amended) The ~~use~~ method as claimed in one of claims 10 to 13 ~~for preparing medicaments or pharmaceutical compositions for the prophylaxis and/or treatment of~~ wherein the anemia is selected from the group consisting of premature baby anemias, anemias associated with chronic renal insufficiency, anemias following chemotherapy and anemias in HIV patients.

15. (currently amended) The ~~use~~ method as claimed in one of claims 10 to 13 ~~for preparing medicaments or pharmaceutical compositions for stimulating the~~ wherein the anemis is erythropoiesis of individuals donating their own blood.

✓ ✓ ✓

16, 17, and 18 (canceled) ✓

a3

19. (currently amended) The ~~use~~ method as claimed in one of claims ~~16 to 18~~ 10 to 15, characterized in that the ~~erythropoietin sensitizers are~~ 6-carboxyphenyldihydropyridazinone derivative is administered orally.

✓

a4

20 (new) The process of claim 5 wherein in structure (IV), the activating radical L is chlorine or imidazoyl.